



Model IN2-10 & IN2-100 Insertion Conductivity Cells



- * High Accuracy Cell Constant.
- * High Linearity Measurement
- * Detachable Connector
- * Cell K = 1.0 or K = 10.0
- * Option for Built in Auto Temp

The IN2-10 & IN2-100 series of Electrolytic Conductivity measuring cells are designed for the measurement of Electrolytic Conductivity directly in tanks, vessel and large bore pipe work.

The IN2-10 & IN2-100 cells are high linearity cells with very accurate cell constants. Featuring three accurately, machined graphite electrodes mounted in an epoxy body with a peek threaded housing.

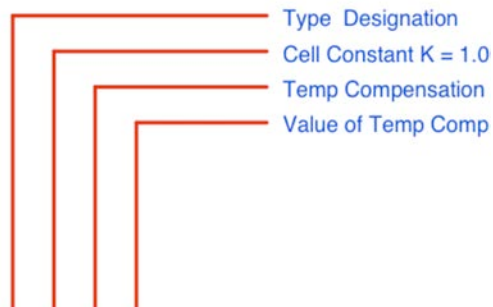
The IN2-10 & IN2-100 cells and housing are all manufactured from peek & epoxy resin with carbon electrodes, mounted into a 3/4" BSP. male threaded boss and fitted with a detachable connector for ease of servicing.

As the cells and the mounting, threads are all of similar non metallic material being corrosion resistant and with similar coefficients of expansion the problems of cycling temperature causing premature failure are eliminated.

The IN2-10 & IN2-100 cells maybe supplied with automatic temperature compensation to suit most popular manufactures conductivity instruments.

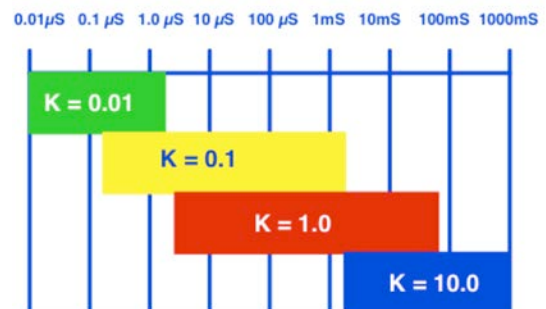
Typical applications include the measurement of towns water supply, cooling water, solution strength control of weak acid and alkali solutions and C.I.P. detergent strength control in food and dairy industries.

Cell Types



IN2-100 -T-Pt100

Conductivity



Approximate Ranges Of Measurement
For Conductivity Cells

Specifications

Materials of Construction

Cell constant

Measurement range

Max. temp.

Max. pressure

Auto. temp. comp.

Mounting

Insertion Length

Connections

IN2-10 & IN2-100 Conductivity Cells

Peek, epoxy resin & carbon

Manufactured with K = 1.0 and K = 10.0

With our models C7635 and C7335

K = 1.0 upto 100.0 mS & K = 10.0 upto 1000.0 mS

Peek. 95 °C

10 Bar at 20 °C

Maybe mounted into the cell

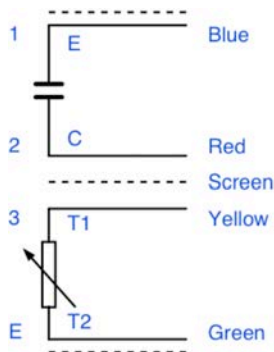
as required by the instrument in use

By 3/4" BSP male thread

Standard 50 mm K = 1.0 & 187 mm K = 10.0

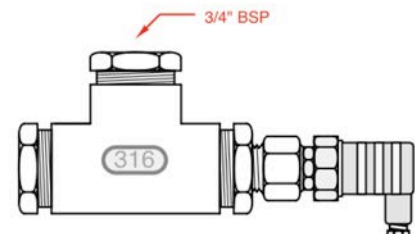
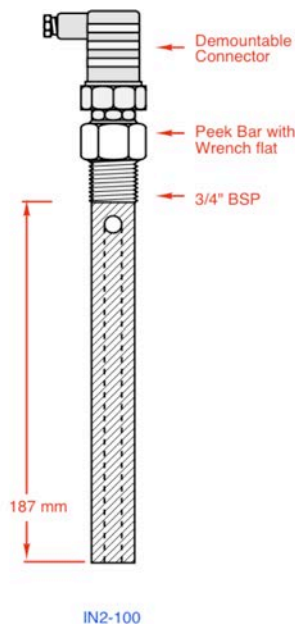
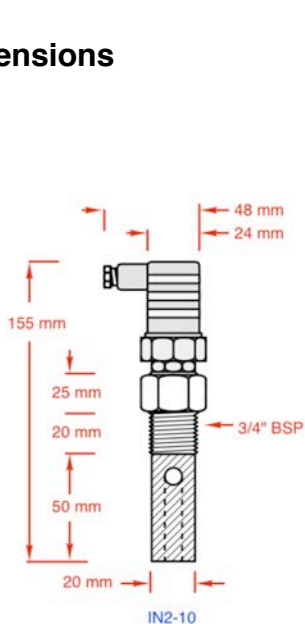
Standard by demountable connector

Connections



Use LMK2 cable for cells without Auto Temp Comp for cells with auto temp comp fitted used LMK4 connecting cable. The screen should be earthed at the instrument but not connected at the cell end max cable length 25 metres

Dimensions



For inline holders for CP721-100 Cells which have an 150 mm insertion length, please call our sales office on 01785 - 254597

Stainless Steel Tee & IN2-10 Cell

Feb 2013

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